

# How to Get the Most Bang for Your Buck with ERM



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Systems Librarian  
Colorado Alliance of Research Libraries  
<http://www.coalliance.org>  
303-759-3399

**Gold Rush**  
A Service of the Alliance

# What I Plan to Cover

- ✠ Features to look for in ERM
- ✠ Gold Rush-CO Alliance ERM
- ✠ Some tips on using and saving money through your ERM



# Confronted with the Problem

- ✠ Libraries are spending an increasing amount on electronic resources
  - ✠ Difficult to search and manage electronic resources
  - ✠ Need a way to integrate local journal holdings with online databases
-

# Solution: Develop ERM

- ✠ In house programmers developed Gold Rush ERM for member libraries
  - ✠ Linux platform, Cold Fusion, Perl scripts
  - ✠ Available over the Internet
  - ✠ ASP platform
-



# Evolution of Gold Rush

- ✠ Alliance begins to sell at cost to libraries outside of consortium
- ✠ 33 libraries now use Gold Rush
- ✠ Partner with TLC/CARL and HW Wilson, and BCR to sell to libraries

# Common Features of Gold Rush and ERM in General

- ✠ Open URL Link Resolver—article linking
  - ✠ Public Search Interface-Article Finder, A to Z list
  - ✠ Subscriptions-contracts, pricing,
  - ✠ Holdings-add databases, journals
  - ✠ Reports-database comparisons
-



# Examples

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- ✠ Article or Journal Finder
- ✠ Customizable Results screens

# Article Finder-link directly to article

Gold Rush - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://goldrush.coalliance.org/index.cfm

Gold Rush Live Site | Prospector | Gold Rush Manage... | Gold Rush Staff Toolbox | goldrushinfo - Home | Google | Comcast Webmail - I... | 10 Day Local Weathe... | Sub with Bloglines | Bloglines | My Feeds (...)

Colorado Alliance of Research Libraries | Find Articles by Journal Title | **Gold Rush**

PLU Library Catalog

PLU | Library | Library Catalog | Interlibrary Loan | Other Libraries

Search | Browse Resources | Article Finder | Preferences | Go To... | Help | Exit

Limit to...  
☐ Full Text Resources  
☐ Public Access Resources

Keyword  Search

Back to Results Basic Search Form

**Gold Rush Article Finder**

Use Article Finder to locate the online full text of a specific article.

Enter the information from an article citation in the fields below.

Elements marked with a \* are required if they are available, but if your citation does not include one of these items, you can leave it blank.

*Article Title:	meet a challenge with ideas and optimism
*Journal Title:	Time <input type="button" value="Lookup ISSN"/> ?
*ISSN:	0040-781X
*Volume:	166
*Issue:	20
*Date:	2005
*Start Page:	5
End Page:	6
Author's Last Name:	kelley
Author's First Name:	james

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Done

start Microsoft ... 3 Micros... Denver Pu... 2 Firefox 2 Windo... 3 Micros... Microsoft ... citations f... Type to search 9:46 AM



# Results with Direct Links to Articles

Gold Rush Linker - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://grlinker.coalliance.org/grlinker/grl000121/grl-PLU.cgi?sid=GoldRush&genre=article&abtl=meet%20a%20challenge%20with%20ideas%20and%20optimism&title=Time&...

## Journals at PLU Linker

**meet a challenge with ideas and optimism**  
kelley, 2005  
*Time*, Vol. 166, No. 20, pp. 5-6  
(ISSN: 0040-781X)

### Article Full Text

Your Article From: [Ebsco](#)  
Your Article From: [ProQuest](#)  
Your Article From: [Literature Resource Center](#)

### Journal Full Text

<a href="#">Academic Search Premier</a> (EBSCO INDUSTRIES)	1990-05-01 - current
<a href="#">Business Source Premier</a> (EBSCO INDUSTRIES)	1990-05-01 - current
<a href="#">History Resource Center US</a> (GALE GROUP)	1983-01-01 - current
<a href="#">LexisNexis Academic (Lexis Nexis)</a> (LEXIS-NEXIS)	1981-01-05 - current
<a href="#">MAS Ultra: School Edition</a> (EBSCO INDUSTRIES)	1990-05-07 - current
<a href="#">MasterFILE Premier</a> (EBSCO INDUSTRIES)	1990-05-07 - current
<a href="#">Middle Search Plus</a> (EBSCO INDUSTRIES)	1990-05-07 - current
<a href="#">Military &amp; Government Collection</a> (EBSCO INDUSTRIES)	1990-05-07 - current
<a href="#">ProQuest Nursing and Allied Health Source</a> (PROQUEST)	1992-01-06 - current
<a href="#">ProQuest Research Library</a> (PROQUEST)	1992-01-06 - current

### Print or Microform

<a href="#">PLU Microform Journals</a> (PACIFIC LUTHERAN UNIVERSITY)	MICROFILM: v.1(1923)-v.163(2003)
<a href="#">PLU Print Journals</a> (PACIFIC LUTHERAN UNIVERSITY)	PRINT: v.119(1982)-present

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Done

start Microsoft ... 3 Micros... Denver Pu... 2 Firefox 2 Windo... 3 Micros... Microsoft ... citations f... Type to search 9:46 AM

# Remote Authentication

The screenshot shows a Mozilla Firefox browser window titled "PLU ePass Login - Mozilla Firefox". The address bar displays "https://weblogin.plu.edu/". The page header features the Pacific Lutheran University logo and the text "ePass Login".

The main content area includes a message: "The resource you requested requires you to log in with your PLU ePass." Below this is a login form with the following fields and buttons:

- Username:** A text input field followed by "@plu.edu".
- Password:** A password input field.
- Log in »** A button.

To the right of the login form is a yellow box titled "GET HELP" containing the following links:

- [Need an ePass?](#)
- [Forget your password?](#)
- [Have a question?](#)
- [What is an ePass?](#)
- [Helpful Hints](#)
- [Contact Us!](#)

Below the login form, a message states: "This sign-in gives you 8-hour access without repeat login to PLU ePass-protected Web resources."

A warning message in red text reads: **WARNING: Protect your privacy! Prevent unauthorized use! EXIT/QUIT ALL of your Web browser sessions and windows when you are finished.**

At the bottom of the page, the copyright notice is: "Copyright © 2005-2006, Pacific Lutheran University".

The Windows taskbar at the bottom shows the Start button, several open applications (Microsoft Office Word, Microsoft Office Excel, Denver Pu..., 2 Firefox, 2 Wind..., 3 Micros..., Microsoft Office PowerPoint, citations f...), a search bar, and the system clock showing 9:48 AM.



# Full Text of Article

Document View - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://proquest.umi.com.ezproxy.plu.edu/pqdlink?Ver=1&Exp=01-29-2012&FMT=7&DID=924550071&RQT=309&cfc=1#fulltext

ProQuest

Basic Advanced Topics Publications My Research 0 marked items

Databases selected: Multiple databases...

Document View Document 1

Print Email Mark Document

Interface language: English

Publisher Information Abstract Full Text

## TIME

### Meeting a Challenge with Ideas and Optimism

James Kelly. *Time*. New York: Nov 14, 2005. Vol. 166, Iss. 20; pg. 5, 2 pgs

» [Jump to full text](#)

» Translate document into:

» [More Like This](#) - Find similar documents

Subjects: [Summit conferences](#), [Public figures](#), [Public health](#), [Health care policy](#)

Author(s): [James Kelly](#)

Document types: Editorial

Document features: Photographs

Section: FROM THE EDITOR

Publication title: *Time*. New York: Nov 14, 2005. Vol. 166, Iss. 20; pg. 5, 2 pgs

Source type: Periodical

ISSN: 0040781X

ProQuest document ID: 924550071

Text Word Count: 351

Document URL: <http://proquest.umi.com/pqdlink?did=924550071&Fmt=7&clientid=9255&RQT=309&VName=PQD>

**Abstract** (Document Summary)

For three days last week, 350 experts and policymakers gathered in New York City to discuss the challenges for public health around the world-and why it is in the interest of Americans to care.

**Full Text** (351 words)

Copyright Time Incorporated Nov 14, 2005

For three days last week, 350 experts and policymakers gathered in New York City to discuss the challenges for public health around the world-and why it is in the interest of Americans to care. The TIME Global Health Summit, whose participants included Bill Clinton, Bill Gates, Kofi Annan, Madeleine Albright, Rick Warren, Ted Turner, Paul Wolfowitz of the World Bank and UNICEF's Ann Veneman, reflected what we try to do in the magazine, which is to cover stories that are shaping our future but don't always attract big, blaring headlines. Some of the disease fighters we profiled in last week's issue, "How to Save a Life," attended the meeting, and one person even made two appearances by satellite. Bono, the rock star of global health, addressed the gathering from Los Angeles, where he is touring with U2. "I feel like I'm missing Woodstock," he said. That evening, he performed a transcontinental duet with Alicia Keys, who headlined a benefit concert for Keep a Child Alive.

To read and see more about our conference, including a webcast of my joint interview with Bill Clinton and Bill Gates, please visit TIME.com.

At the benefit concert, Alicia Keys and Usher perform an intimate duet

Members of the Agape Children's Choir view James Nachtwey's photo gallery

Done

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## Colorado College Gold Rush

Time  
(ISSN: 0040-781X)

### Direct Access to Article

Sorry, no direct links to the article are available.

### Links to This Journal Online (check dates below)

<a href="#">Academic Search Premier</a> (EBSCO INDUSTRIES)	1990-05-01 - current
<a href="#">Business Source Premier</a> (EBSCO INDUSTRIES)	1990-05-01 - current
<a href="#">LexisNexis Academic (Lexis Nexis)</a> (LEXIS-NEXIS)	1981-01-05 - current
<a href="#">MAS Ultra: School Edition</a> (EBSCO INDUSTRIES)	1990-05-07 - current
<a href="#">Middle Search Plus</a> (EBSCO INDUSTRIES)	1990-05-07 - current

### Print Journals at Colorado College

[Colorado College Local Library Journals](#) (COLORADO COLLEGE)

### Request Article via Interlibrary Loan

[ILLIAD - Interlibrary Loan](#)

### Other Resources

[CC TIGER library catalog](#) (search for item)

[Google](#) (search for author)

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Processing time: 1 Seconds





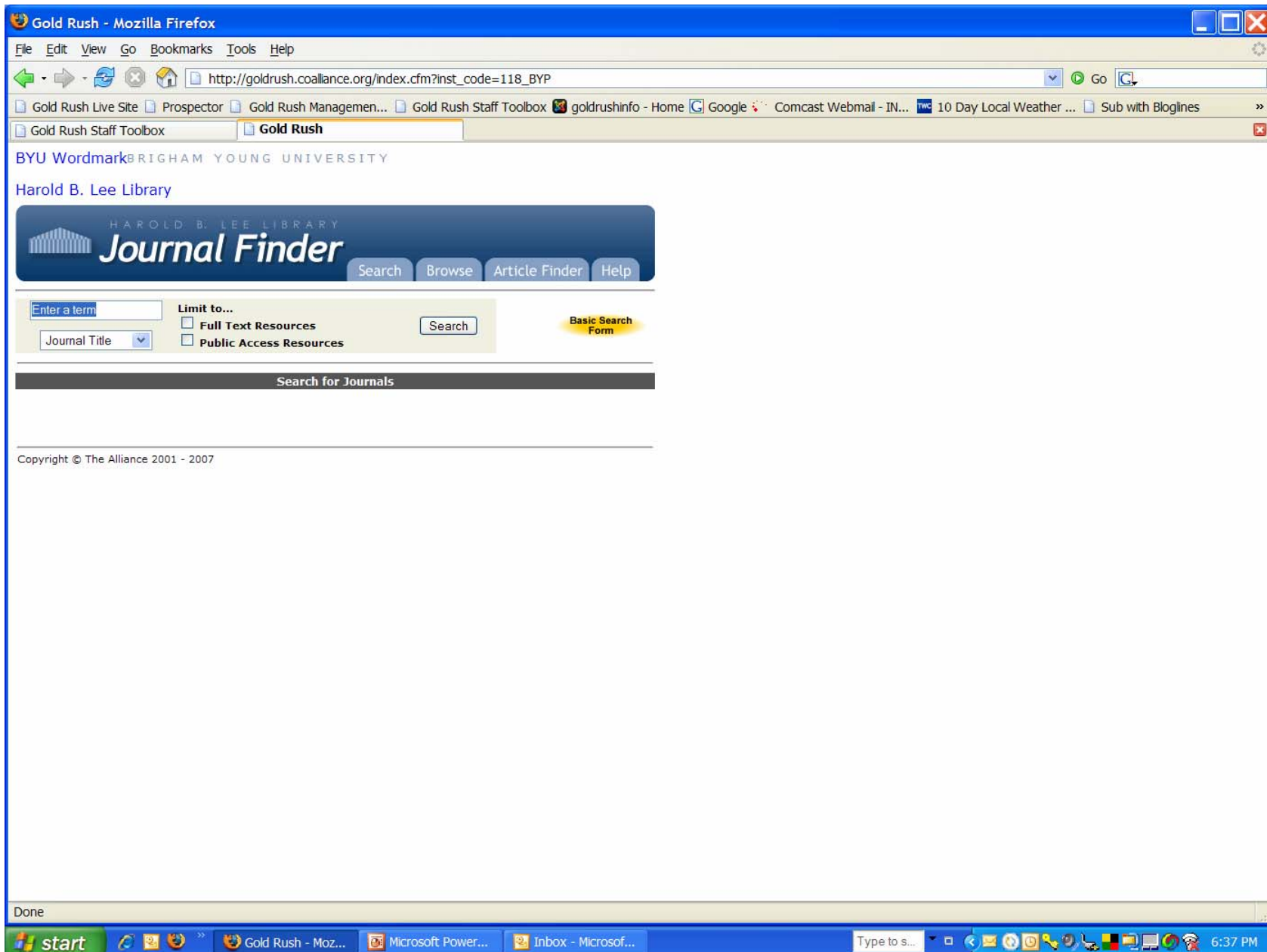
Time  
(ISSN: 0040-781X)

# Full Text Online

<a href="#">ABI/INFORM Research</a> (PROQUEST)	1992-01-06 - current
<a href="#">Academic Search Premier</a> (EBSCO INDUSTRIES)	1990-05-01 - current
<a href="#">Biography Resource Center</a> (GALE GROUP)	1995-01-01 - current
<a href="#">Business &amp; Company Resource Center</a> (GALE GROUP)	1983-01-01 - current
<a href="#">Business Source Premier</a> (EBSCO INDUSTRIES)	1990-05-01 - current
<a href="#">General Reference Center Gold</a> (GALE GROUP)	1983-01-01 - current
<a href="#">MAS Ultra: School Edition</a> (EBSCO INDUSTRIES)	1990-05-07 - current
<a href="#">Middle Search Plus</a> (EBSCO INDUSTRIES)	1990-05-07 - current
<a href="#">Opposing Viewpoints Resource Center</a> (GALE GROUP)	1983-01-01 - current
<a href="#">Science Resource Center</a> (GALE GROUP)	1983-01-03 - current

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# Searching made easy with A-Z List

Find Articles by Journal Title - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites RSS Print Mail

Address <http://www.lib.uaa.alaska.edu/articles/titlefinder.php?CFID=4526228&CFTOKEN=59730662> Go Links

Ask a Librarian Find Books Find Articles Research Help Library Services

text-only Font Size

CONSORTIUM LIBRARY  
University of Alaska Anchorage | Alaska Pacific University

Home » Find Articles »

Find Articles by Journal Title

by Subject by Database **by Journal Title**

Title Begins With:  
 Go

Keyword Search

Browse by Title:

A B C D E F G H I J K L M N  
O P Q R S T U V W X Y Z Other

**Helpful Tips:**  
Some vendors provide links to the individual journal. Select the date and/or volume to locate the specific article you need.  
Other vendors provide links to the article database, so you will need to search the database for the specific article you need.  
Contact a [reference librarian](#) or call 786-1848 if you have questions.

[More Resources](#)  
■ [Article Alerts](#)  
■ [Connection Help](#)

[Top](#) Updated: March 20, 2006 at 1:52pm / Editor: Web Development Team

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3211 Providence Drive, Anchorage, AK 99508

Done

start Microsoft ActiveSync Microsoft PowerPoint Inbox - Microsoft O... Internet Explorer April2006 Microsoft Excel Untitled - Notepad 3:59 PM

# Cost Saving Tips on ERM

- ✦ Reports-content comparison
- ✦ Subscriptions-central place to enter all information about vendor/database
- ✦ Holdings-update and manage holdings in real time

# Reports

- ✠ Ability to compare full text and indexing coverage between databases
- ✠ Analyze holdings-how many are full text versus indexing
- ✠ Download spreadsheet for database and provider
- ✠ Statistics



# Gold Rush Staff Toolbox

[?](#) [Exit](#)

[Home](#) [Holdings](#) [Subscriptions](#) [Cataloging](#) [Settings](#)

My Metrics User: Rose Nelson Site: AUR

Holdings Analysis for Auraria Library		
Databases, and Journals		
Number of Journals:	56101	
Number of Databases:	<a href="#">236</a>	
Number of Providers:	<a href="#">118</a>	
Number of Journals with Full Text:	<a href="#">24785</a>	44% of your journals are available in full text.
Number of Databases with Full Text:	<a href="#">155</a>	66% of your databases include full text.
Publication Analysis		
Journals in Only One Database:	22598	40% of your journals are included in only one database.
Number of Journals in Two Databases:	9443	17% of your journals are included in two or more databases.
Number of Journals in Three Databases:	5500	10% of your journals are included in three databases.
Number of Journals in Four or more Databases:	18560	33% of your journals are included in four or more databases.

# Compare Database Content

**Gold Rush Staff Toolbox**

Reports Holdings Subscriptions Cataloging Settings

Reports -> [Compare Title Lists](#) -> Compare DB List User: Rose Nelson Site: AUR

The Database Comparison Report produces a multi-part report, listing titles that are unique and common between the two databases.

The next group of reports only appears if you retain the "Include Full Text Comparison" option. These reports list the unique Full Text titles in each database as well as the Full Text titles they have in common.

To view a report, click on the linked number under the column Unique or Same.

Title List Comparison			
	Unique	Same	Total
Academic Search Premier	<a href="#">7421</a>	<a href="#">252</a>	7673
Auraria Library Cancelled Journals	<a href="#">283</a>	<a href="#">252</a>	535

Full Text Title List Comparison			
	Unique	Same	Total
Academic Search Premier	<a href="#">4298</a>	<a href="#">122</a>	4420
Auraria Library Cancelled Journals	<a href="#">413</a>	<a href="#">122</a>	535

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**Add Bookmark**

Name:

Create in:

OK Cancel

# Holdings

- ✠ Ability to add all of your databases, primary publishers, and journals
  - ✠ Ability to export your local holdings from your LIS and integrate into Holdings module
  - ✠ Ability to update or create new holdings records
-



Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://grweb.coalliance.org/oadl/oadl.html

Gold Rush Live Site Prospector Gold Rush Manageme... Gold Rush Staff Toolbox goldrushinfo - Home Google Comcast Webmail - I... TWC 10 Day Local Weathe... Sub with Bloglines Bloglines | My Feeds (...)

HOME - Comcast.net http://grweb.coall...rg/oadl/oadl.html http://grweb.coalliance.org/oadl/oadl.html Gold Rush Staff Toolbox Gold Rush

# The Open Access Digital Library

"Access Anywhere Anytime"

The Open Access Digital Library, an integral part of the Gold Rush resource management system, provides free access to 76 databases and almost 4,000 full text, scholarly, peer-reviewed journals in a variety of subjects from medicine to engineering.

## Browse by Journal Title

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

## Browse by Database Name

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

## Special Collections


- ♦ [Applied Science and Engineering](#)
- ♦ [Making of America Journal](#)
- ♦ [BioMed Central](#)
- ♦ [Directory of Open Access Journals](#)

## Start your search in Gold Rush

### What is Gold Rush?

## Featured Resources

- ♦ [DLESE-Digital Library of Earth System Education](#). This full text repository includes lesson plans, experiments, and much more.



Carver

- ♦ February is Black History Month. For a historical perspective on African American religion check out the [Northstar](#).

Contact us:  
[goldrush@coalliance.org](mailto:goldrush@coalliance.org)  
(303)759-3399  
[A Service of The Colorado Alliance of Research Libraries](#)

Done Tuesday, February 20, 2007

start Mozilla Firefox Colorado Alliance of ... GoldRush Trials - Micr ... Microsoft PowerPoint ...

Type to search 1:33 PM Tuesday 2/20/2007

# Open Access Digital Library

 <http://grweb.coalliance.org/oadl/oadl.html>

# The Open Access Digital Library

[Search](#) [Browse Resources](#) [Article Finder](#) [Preferences](#) [Go To...](#) [Help](#) [Exit](#)

Browse Type: Journals by Title (Full Text) ▼

Browse

Browse From:

Browse Type: Journals by Title (Full Text)

Browse Results: Journals: 186

Browse Limits: FT

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#) [Other](#)Open Access  
Journals (FREE)

[M di viste et l'ordinateur \(0223-3843\)](#)  
[M E R I A Journal \(0000-045D\)](#)  
[M etaquesed: H peraiakiri \(1406-9938\)](#)  
[M langes - Centre De Recherches Et D'applications P dagoiques En Langues \(0077-2712\)](#)  
[M/C electronic resource : a journal of media and culture \(1441-2616\)](#)  
[M@n@gement \(1286-4892\)](#)  
[M@ppemonde \(1769-7298\)](#)  
[MACLAS: Latin American Essays \(1525-125X\)](#)  
[Macworld \(0741-8647\)](#)  
[Maderas: Ciencia y Tecnologia \(0717-3644\)](#)  
[Maqallania \(0718-0209\)](#)  
[Magazines in special media / National Library Service for the Blind and Physically Handicapped, the Library of Congress. \(0889-6518\)](#)  
[Magu Reson Med Sci \(1347-3182\)](#)  
[Malaria Journal \(1475-2875\)](#)  
[Malta Medical Journal \(1813-3339\)](#)  
[Mana Rio de Janeiro \(0104-9313\)](#)  
[Managing Global Transitions \(1581-6311\)](#)  
[Managing Watersheds for Human and Natural Impacts \(0000-048A\)](#)  
[Manufacturer and Builder \(0000-004M\)](#)  
[Manufacturers' shipments, inventories, and orders \(0364-1880\)](#)  
[Mapfre Medicina \(1130-5665\)](#)  
[Mappe Monde \(0764-3470\)](#)  
[Mar. Fish. Rev. \(0090-1830\)](#)  
[MARAD : the annual report of the Maritime Administration for fiscal year ... \(0882-9004\)](#)  
[MarcoELE. Revista de Did ctica \(1885-2211\)](#)  
[Marges Linguistiques \(1626-3154\)](#)  
[Marine Drugs \(1660-3397\)](#)  
[Marine Ornithology \(1018-3337\)](#)  
[Marine Turtle Newsletter \(0839-7708\)](#)

Done



Gold Rush - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

← → ↺ ⌂

http://goldrush.coalliance.org/index.cfm?fuseaction=FullTRec&Title\_id=61274&res\_list\_type=bytitle\_ft

Go

Gold Rush Live Site

Prospector

Gold Rush Managemen...

Gold Rush Staff Toolbox

goldrushinfo - Home

Google

Comcast Webmail - IN...

TWC 10 Day Local Weather ...

Sub with Bloglines

http://grstaff.c...adJTs&pickprov=y

Gold Rush

# The Open Access Digital Library

Search

Browse Resources

Article Finder

Preferences

Go To...

Help

Exit

Browse Type: Journals by Title (Full Text)

Browse

Browse From: m

Search Type: Journals by Title (Full Text)

Search Results: Journals: 186

Search Limits: None

Open Access Journals (FREE)

Print Record

Email Record

View MARC

Journal Title: Malaria Journal

Print ISSN: 1475-2875

Electronic ISSN: 1475-2875

Alternate Titles: Malaria journal electronic resource

MALARIA JOURNAL ELECTRONIC RESOURCE

Subjects:

Full Text Resources Online

Database	Dates Available
<a href="#">BioMed Central All Journals</a> (BIOMED CENTRAL)	2002-02-01 - current
<a href="#">BioMed Central Open Access Journals</a> (BIOMED CENTRAL)	2002-02-01 - current
<a href="#">Directory of Open Access Journals</a> (LUND UNIVERSITY)	2002-01-01 - current
<a href="#">PubMedCentral Journals (PubMed Central)</a> (NATIONAL LIBRARY OF MEDICINE)	2001-01-01 - current

Done

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Inbox - Microsof...

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Malaria Journal | Home page - Mozilla Firefox

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http://www.malariajournal.com/

Gold Rush Live Site | Prospector | Gold Rush Managemen... | Gold Rush Staff Toolbox | goldrushinfo - Home | Google | Comcast Webmail - IN... | 10 Day Local Weather ... | Sub with Bloglines

http://grstaff.c...adJTs&pickprov=y | Malaria Journal | Home page

Home Feedback Support Log on / Register

24-Feb-2007


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KEY ARTICLES  
ACROSS MEDICINE


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MEDICINE  
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### About the journal

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**Research** [Open Access](#)  
**Medicines informal market in Congo, Burundi and Angola: counterfeit and sub-standard antimalarials**  
**Maria Cristina Gaudiano, Anna Di Maggio, Emilia Cocchieri, Eleonora Antoniella, Paola Bertocchi, Stefano Alimonti, Luisa Valvo**  
Malaria Journal 2007, 6:22 (22 February 2007)  
[\[Abstract\]](#) [\[Provisional PDF\]](#)



One of the effects of poverty is that the medicines market in many developing countries consists essentially of informal street vendors. Economic restrictions, a weak drug-regulatory system and insufficient controls on production, distribution and importation promote a rise of this illegal medicines market

**Research** [Open Access](#)  
**A cost-effectiveness analysis of artemether lumefantrine for treatment of uncomplicated malaria in Zambia**  
**Pascalina Chanda, Felix Masiye, Bona M Chitah, Naawa Sipilanyambe, Moonga Hawela, Patrick Banda, Tuoyo Okorosobo**  
Malaria Journal 2007, 6:21 (21 February 2007)  
[\[Abstract\]](#) [\[Full Text\]](#) [\[PDF\]](#)



Despite greater costs, the study suggests that the decision to move to ACTs is clearly justifiable on both economic and public health grounds.

**Research** [Open Access](#)  
**Promoter regions of Plasmodium vivax are poorly or not recognized by Plasmodium falciparum**  
**Mauro F. Azevedo, Hernando A. del Portillo**  
Malaria Journal 2007, 6:20 (21 February 2007)  
[\[Abstract\]](#) [\[Provisional PDF\]](#)



Promoter structure and function in Plasmodium are poorly understood. The paper utilises recent releases of P. vivax sequence to generate promoter sequences from a range of genes (house-keeping and potential virulence genes) to generate constructs for transient transfection into a heterologous parasite, P. falciparum.

**Methodology** [Open Access](#)  
**A new ELISA kit which uses a combination of Plasmodium falciparum extract and recombinant Plasmodium**



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Related BioMed Central journals:  
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**NSP**  
Primers in Biology  
Protein Structure  
and Function  
by Petsko and Ringe  


More information

Done

start

Malaria Journal | ... | RoseNelson\_ER... | Inbox - Microsof...

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7:32 PM



Malaria Journal | Full text | A cost-effectiveness analysis of artemether lumefantrine for treatment of uncomplicated malaria in Zambia - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://www.malariajournal.com/content/6/1/21

Gold Rush Live Site | Prospector | Gold Rush Management... | Gold Rush Staff Toolbox | goldrushinfo - Home | Google | Comcast Webmail - IN... | 10 Day Local Weather ... | Sub with Bloglines

http://grstaff.c...adJTs&pickprov=y | Malaria Journal | Full text | A ...

Home Feedback Support Log on / Register 24-Feb-2007

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Malaria Journal Volume 6

Viewing options:

- Abstract
- Full text
- PDF (284KB)
- Readers' comments

Related literature:

Other articles by authors

Tools:

- E-mail to a friend
- Download references
- Post a comment
- Order reprints

Key:

- E-mail
- Corresponding author

Research

## A cost-effectiveness analysis of artemether lumefantrine for treatment of uncomplicated malaria in Zambia

Pascalina Chanda<sup>1</sup>, Felix Masiye<sup>2</sup>, Bona M Chitah<sup>3</sup>, Naawa Sipilanyambe<sup>1</sup>, Moonga Hawela<sup>1</sup>, Patrick Banda<sup>1</sup> and Tuoyo Okorosobo<sup>4</sup>

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<sup>2</sup>Department of Economics, University of Zambia, Lusaka, Zambia  
<sup>3</sup>Ministry of Health, Lusaka, Zambia  
<sup>4</sup>Regional Office for Africa, World Health Organization, Cité du Djoué, Brazzaville, Congo

Malaria Journal 2007, 6:21 doi:10.1186/1475-2875-6-21

The electronic version of this article is the complete one and can be found online at: <http://www.malariajournal.com/content/6/1/21>

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Accepted 21 February 2007  
Published 21 February 2007

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Outline

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### Abstract

### Background

Malaria remains a leading cause of morbidity, mortality and non-fatal disability in Zambia, especially among children, pregnant women and the poor. Data gathered by the National Malaria Control Centre has shown that recently observed widespread treatment failure of SP and chloroquine precipitated a surge in malaria-related morbidity and mortality. As a result, the Government has recently replaced chloroquine and SP with combination therapy as first-line treatment for malaria. Despite the acclaimed therapeutic advantages of ACTs over monotherapies with SP and CQ, the cost of ACTs is much greater, raising concerns about affordability in many poor countries such as Zambia. This study evaluates the cost-effectiveness analysis of artemether-lumefantrine, a version of ACTs adopted in Zambia in mid 2004.

### Methods

Using data gathered from patients presenting at public health facilities with suspected malaria, the costs and effects of using ACTs versus SP as first-line treatment for malaria were estimated. The study was conducted in six district sites. Treatment success and reduction in demand for second line treatment constituted the main effectiveness outcomes. The study gathered data on the efficacy of, and compliance to, AL and SP treatment from a random sample of patients. Costs are based on estimated drug, labour, operational and capital inputs. Drug costs were based on dosages and unit prices provided by the Ministry of Health and the manufacturer (Norvatis).

### Findings

The results suggest that AL produces successful treatment at less cost than SP, implying that AL is more cost-effective. While it is acknowledged that implementing national ACT program will require considerable resources, the study demonstrates that the health gains (treatment success) from every dollar spent are significantly greater

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# Future Developments

- ✦ Incorporate Web 2.0 by creating an XML gateway-fully customizable interface
- ✦ Incident Tracker-subscriptions
- ✦ Add your own field and reorder sections in subscriptions

# Conclusion

- ✠ Gold Rush is successful because of member libraries and ongoing customers
- ✠ We have continued to develop the software as ERM's have evolved
- ✠ Gold Rush has been a partnership between libraries and the CO Alliance